

Refine Search

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L8 and (public\$ adj key\$)	7

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 IBM Technical Disclosure Bulletins

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DB=EPAB,JPAB,DWPI; THES=ASSIGNEE; PLUR=YES; OP=OR

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<u>L7</u>	L6 and pd<=20000113	185	<u>L7</u>
<u>L6</u>	L5 and g06f\$	185	<u>L6</u>
<u>L5</u>	14 and (ENCRYPT\$ with (decrypt\$ near2 key\$))	382	<u>L5</u>
<u>L4</u>	(ENCRYPT\$ with decrypt\$ with key\$) and digital\$	617	<u>L4</u>

DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR

<u>L3</u>	5646997.pn.	1	<u>L3</u>
<u>L2</u>	6684198.pn.	1	<u>L2</u>
<u>L1</u>	6959288.pn.	1	<u>L1</u>

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☐ 1. Document ID: JP 02291043 A

Using default format because multiple data bases are involved.

L9: Entry 1 of 7

File: JPAB

Nov 30, 1990

PUB-NO: JP402291043A

DOCUMENT-IDENTIFIER: JP 02291043 A

TITLE: METHOD FOR SIGNATURE AND CERTIFICATION IN DIGITAL SYSTEM

PUBN-DATE: November 30, 1990

INVENTOR-INFORMATION:

NAME

COUNTRY

FISCHER, ADDISON M

INT-CL (IPC): G06F 15/00; G06F 15/30; G09C 1/00; H04L 9/32

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 2. Document ID: EP 798892 A2, JP 3130267 B2, US 5673316 A, JP 10040100 A, KR 97067054 A, KR 187876 B1

L9: Entry 2 of 7

File: DWPI

Oct 1, 1997

DERWENT-ACC-NO: 1997-473617

DERWENT-WEEK: 200109

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TITLE: Access provision method for content data in cryptographic envelope - using processing to create cryptographic envelope, distribute cryptographic envelope, buy request initiated by user, buy server response such that cryptographic envelope is opened providing access to user

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 3. Document ID: DE 69629857 E, EP 725512 A2, JP 08340330 A, US 5604801 A, JP 3193610 B2, EP 725512 B1

L9: Entry 3 of 7

File: DWPI

Oct 16, 2003

DERWENT-ACC-NO: 1996-356405

DERWENT-WEEK: 200376
COPYRIGHT 2005 DERWENT INFORMATION LTD

TITLE: Data communication system exhibiting secure message processing - has server which retrieves encrypted private key for user, decrypts private key, performs public key processing and deletes decrypted private key after use

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KVMC	Draw De
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☐ 4. Document ID: US 5539828 A, CN 1183684 A, TW 294874 A, EP 784256 A1, JP 09200194 A, IL 116546 A, KR 97056187 A, KR 239865 B1

L9: Entry 4 of 7

File: DWPI

Jul 23, 1996

DERWENT-ACC-NO: 1996-354177
DERWENT-WEEK: 200242
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TITLE: Semiconductor device for storing encryption/decryption keys at manufacture - has non-volatile memory for storing encryption/decryption keys and at least one digital certificate, internal memory for temporarily storing data input from other device and processor

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KVMC	Draw De
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☐ 5. Document ID: WO 9608093 A1, CN 1157677 A, AU 9533390 A, US 5541994 A, EP 780040 A1, US 5680460 A, AU 689946 B, BR 9509002 A, JP 10505474 W, US 5832091 A, MX 9701786 A1

L9: Entry 5 of 7

File: DWPI

Mar 14, 1996

DERWENT-ACC-NO: 1996-171863
DERWENT-WEEK: 200137
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TITLE: Biometric controlled key generation system - has body part input for generating optical information signal, Fourier transformation device, programmable filter, data reader and private key generator

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KVMC	Draw De
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☐ 6. Document ID: JP 3421950 B2, WO 9515633 A1, AU 9512049 A, EP 734624 A1, JP 09509748 W, NZ 277128 A, US 5799088 A, AU 702766 B, AU 9911321 A, NZ 329808 A, NZ 336413 A, NZ 336414 A, AU 200053420 A, AU 200053419 A, AU 729638 B, AU 750323 B, AU 750408 B, JP 3339688 B2, JP 2002314534 A

L9: Entry 6 of 7

File: DWPI

Jun 30, 2003

DERWENT-ACC-NO: 1995-215443
DERWENT-WEEK: 200343
COPYRIGHT 2005 DERWENT INFORMATION LTD

TITLE: Secure non-deterministic public-key encryption system - encrypts plain text message with public key unique to message receiver for decryption using private key also used to derive public key

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 7. Document ID: US N8159980 N

L9: Entry 7 of 7

File: DWPI

Aug 15, 1994

DERWENT-ACC-NO: 1996-097365

DERWENT-WEEK: 200317

COPYRIGHT 2005 DERWENT INFORMATION LTD

TITLE: Digital camera with appts. for image file authentication - uses embedded private key known only to camera manufacturer with public key derived from private key

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 1. Document ID: JP 02291043 A

Using default format because multiple data bases are involved.

L8: Entry 1 of 29

File: JPAB

Nov 30, 1990

PUB-NO: JP402291043A

DOCUMENT-IDENTIFIER: JP 02291043 A

TITLE: METHOD FOR SIGNATURE AND CERTIFICATION IN DIGITAL SYSTEM

PUBN-DATE: November 30, 1990

INVENTOR-INFORMATION:

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COUNTRY

FISCHER, ADDISON M

INT-CL (IPC): G06F 15/00; G06F 15/30; G09C 1/00; H04L 9/32

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 2. Document ID: WO 9953689 A1

L8: Entry 2 of 29

File: EPAB

Oct 21, 1999

PUB-NO: WO009953689A1

DOCUMENT-IDENTIFIER: WO 9953689 A1

TITLE: CONDITIONAL ACCESS VIA SECURE LOGGING WITH SIMPLIFIED KEY MANAGEMENT

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 3. Document ID: WO 9915970 A1

L8: Entry 3 of 29

File: EPAB

Apr 1, 1999

PUB-NO: WO009915970A1

DOCUMENT-IDENTIFIER: WO 9915970 A1

TITLE: METHOD AND APPARATUS FOR PROTECTION OF RECORDED DIGITAL DATA

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 4. Document ID: WO 9842098 A1

L8: Entry 4 of 29

File: EPAB

Sep 24, 1998

PUB-NO: WO009842098A1

DOCUMENT-IDENTIFIER: WO 9842098 A1

TITLE: DIGITAL PRODUCT RIGHTS MANAGEMENT TECHNIQUE

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KM/C	Draw/D
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☐ 5. Document ID: EP 849658 A2

L8: Entry 5 of 29

File: EPAB

Jun 24, 1998

PUB-NO: EP000849658A2

DOCUMENT-IDENTIFIER: EP 849658 A2

TITLE: Secure data processing method and system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KM/C	Draw/D
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☐ 6. Document ID: EP 843449 A2

L8: Entry 6 of 29

File: EPAB

May 20, 1998

PUB-NO: EP000843449A2

DOCUMENT-IDENTIFIER: EP 843449 A2

TITLE: Encryption system with transaction coded decryption key

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KM/C	Draw/D
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☐ 7. Document ID: EP 752663 A1

L8: Entry 7 of 29

File: EPAB

Jan 8, 1997

PUB-NO: EP000752663A1

DOCUMENT-IDENTIFIER: EP 752663 A1

TITLE: Copyright control system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KM/C	Draw/D
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☐ 8. Document ID: EP 709760 A2

L8: Entry 8 of 29

File: EPAB

May 1, 1996

PUB-NO: EP000709760A2

DOCUMENT-IDENTIFIER: EP 709760 A2

TITLE: Data copyright management system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KM/C	Draw/D
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☐ 9. Document ID: FR 2723672 A1

L8: Entry 9 of 29

File: EPAB

Feb 16, 1996

PUB-NO: FR002723672A1

DOCUMENT-IDENTIFIER: FR 2723672 A1

TITLE: System for broadcasting and managing multimedia products

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KM/C	Drawn De
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☐ 10. Document ID: EP 651554 A1

L8: Entry 10 of 29

File: EPAB

May 3, 1995

PUB-NO: EP000651554A1

DOCUMENT-IDENTIFIER: EP 651554 A1

TITLE: Method and apparatus for the addition and removal of digital watermarks in a hierarchical image storage and retrieval system.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KM/C	Drawn De
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L6: Entry 1 of 1

File: USPT

Jan 13, 1998

DOCUMENT-IDENTIFIER: US 5708709 A

TITLE: System and method for managing try-and-buy usage of application programs

Detailed Description Text (17):

In reference to FIG. 3, a schematic illustration of the Server Format 180 of an Application Program trial version 138 is shown. The Server Format includes the non-encrypted application program 181, and may optionally include information fields for Application ID 183, License Termination Date 185, and Licensee ID 184. These files are optional because prior to selection by a particular user, the file is generic for all potential users and no such Information (except the Application ID) is applicable to the application program file. The particularized server format includes each of the Application ID 183, License Termination Date 185, and Licensee ID 184 fields and may either be created and stored as an actual file on the server or may exist only transiently as the generic server format is particularized to the requesting user and encrypted to generate the transmission format prior to transmission to the client computer. Note that the server formatted version of the application program could be stored in an encrypted form, but decryption followed by encryption would be required to encrypt the application program with the public key associated with the client computer Application Builder 112.

Detailed Description Text (33):

In Step 316 the Application Builder 112 acting as an agent for the server 104 (independent of connection between the server 104 and the client computer 102 at that time) verifies prior to execution of the program that the client computer is currently entitled to execute the Application Program. To perform this "control information" verification, the stored, doubly encrypted control information is decrypted using the Application Builder's private key 113 and the server's public key 187 (and is optionally compared with the clear text version of the control information). Using the decrypted control information, the Application Builder compares the licensee ID 184 in the Application Program with the licensee ID or IDs associated with the Application Builder, and compares the license termination date 185 in the Application Program with the current date. Only when the status of the user is verified does the Application Builder 112 decrypt the encrypted Application Program so as to prepare it for execution. The decrypted Application Program is preferably never stored in non-volatile memory of the client computer, and only exists in decrypted form during actual program execution.

Detailed Description Text (44):

When the Application Builder has completed verification of the license, it decrypts the trial Application Program (Step 434) using the Application Builder's Private Key so that the program may be loaded for execution in the client computer CPU. As explained above, the stored, doubly encrypted control information is decrypted using the Application Builder's private key 113 and the server's public key 187 and then the decrypted control information is used to verify that user's rights to execute the trial application program.

Detailed Description Text (46):

In this manner, the time during which the Application Program exists in a human

readable form is limited in time (during execution of the Application Program) and in storage location (in processor memory). Limiting the time and physical location of unencrypted program code minimizes the opportunity for unauthorized copying of unencrypted code. Even if the encrypted program were to be copied, it cannot be used without a licensed Application Builder for that client computer, because the matching Application Builder's private key, which is unique for each client computer on which it is installed, is required for decryption.

CLAIMS:

6. The method in claim 1, wherein said transmission version of said application program is encrypted with a public key associated with said user; and wherein said decryption is performed with a corresponding private key.

13. The system in claim 11, wherein

said transmission version of said application program is at least partially encrypted with a public key associated with said user, and wherein said program decoder decrypts said transmission version of said application program with a corresponding private key, and

said user associated public key and corresponding private key are generated by said application builder module.

15. The system in claim 10, wherein said transmission version of said application program is at least partially encrypted with a public key associated with said user, and wherein said program decoder decrypts said transmission version of said application program with a corresponding private key.

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